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O] 858-677-1456 **F**] 858-677-1465

February 5, 2001

Attorney Docket No.: DIVER1370-6

Parent Serial No. 09/318,528 Parent Filing Date: May 25, 1999

Box PATENT APPLICATION

Commissioner for Patents Washington, D.C. 20231

Presented for filing is a new continuation patent application of:

Applicant: JAY M. SHORT and KEITH A. KRETZ

Title: RECOMBINANT BACTERIAL PHYTASES AND USES THEREOF

The prior application is assigned of record to Diversa Corporation by virtue of an Assignment recorded on August 22, 2000 at Reel 011053/Frame 0941.

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

	<u>Pages</u>
Specification	85
Claim(s)	2
Abstract	1
Declaration	3
Drawing(s)	4
Revocation of Powers of	2
Attorney; Power of Attorney	
by Assignee; Change of	
Mailing Address	

"EXPRESS MAIL" Mailing Label Number EL476994149US Date of Deposit February 5, 2001

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents,

Washington, D.C. 20231 Milehail KAY/E



Gray Cary Ware & Freidenrich LLP

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Enclosures:

New disclosure information, including: Information disclosure statement, 2 pages Form PTO-1449, 2 pages One (1) U.S. Patent Document; Two (2) Foreign Patent Documents; Eight (8) Other Document references.

Permission to Use Sequence Listing, 2 pages
Paper copy of sequence listing, 5 pages

Postcard.

Under 35 USC § 120, this application claims the benefit of prior U.S. Application No. 09/318,528, now U.S. Patent No. 6,183,740, filed May 25, 1999, which is a continuation-in-part of U.S. Patent Application No. 09/291,931, filed April 13, 1999, which is a continuation of U.S. Patent No. 09/259,214, now U.S. Patent No. 6,110,719, filed March 1, 1999, which is a divisional of U.S. Patent No. 08,910,798, now U.S. Patent No. 5,876,997, filed August 13, 1997, the contents of which are incorporated by reference in their entirety herein.

Applicants claim small entity status in the above-identified application. Pursuant to 37 C.F.R. §1.27 a Verified Statement is not required.

Basic filing fee	\$ 355.00
Total claims in excess of 20 (0 times \$18.00)	\$ 0.00
Independent claims in excess of 3 (0 times \$80.00)	\$ 0.00
Multiple dependent claims	\$ 0.00
Total filing fee:	\$ 355.00

Enclosed is a check in the amount of \$355.00 for the filing fee. Please charge Deposit Account No. 50-1355 for any fees or credits believed to be due.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Gray Cary Ware & Freidenrich LLP

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Please send all correspondence to:

Lisa A. Haile, Ph.D. Gray Cary Ware & Freidenrich LLP 4365 Executive Drive, Suite 1600 San Diego, CA 92121-2189 Telephone: 858-677-1456

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Very truly yours,

GRAY CARY WARE & FREIDENRICH LLP

Lisa A. Haile, Ph.D. Reg. No. 38,347

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: Unassigned
Jay M. Short et al.) Examiner: Unassigned
Parent Application No.: 09/318,528	"EXPRESS MAIL" Mailing Label Number EL476994149US Date of Deposit February 5, 2001
Parent Filed: May 25, 1999	I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express" Mail Post Office to Addressee" with sufficient postage on the
Filed: February 5, 2001	date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231
For: RECOMBINANT BACTERIAL PHYTASES AND USES THEREOF	Sullion Baylin.
FHITASES AND USES THEREOF)Mikhail Bayley

Box Patent Application

Commissioner for Patents Washington, D.C. 20231

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application please find:

- 1. Information Disclosure Statement;
- 2. Form PTO-1449;
- 3. One (1) U.S. Patent document;
- 4. Two (2) Foreign Patent documents;
- 5. Eight (8) Other Documents references.

In Re Application of: Jay M. Short et al.

Parent Application No. 09/318,528 Parent Filing Date: May 25, 1999

Continuation Filing Date: February 5, 2001

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No fee is believed to be due in connection with the filing of this paper since the Information Disclosure Statement is being filed before the receipt of a first Office Action. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,

PATENT

Attorney Docket No.: DIVER1370-6

Date:

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In re Application of: Shor Application No. 09/318,528

Filed: May 25, 1999

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PATENT ATTORNEY DOCKET NO.: DIVER1370-3

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DIVERSA CORPORATION

a corporation of the state of California

By: Name: Carolyn Erickson Vice President of Intellectual Properties Title:

01/24/00 Date:

1,71